

Steelstone Industries, Inc.
Aroostook County
Houlton, Maine
A-112-71-H-R/A

) Departmental
) Findings of Fact and Order
) Air Emission License

After review of the air emissions license renewal application, staff investigation reports and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 M.R.S.A., Section 344 and Section 590, the Department finds the following facts:

I. REGISTRATION

A. Introduction

1. Steelstone Industries, Inc. (Steelstone) has applied to renew their Air Emission License permitting the operation of emission sources associated with their Houlton, Maine asphalt, concrete and crushed stone and gravel facility.
2. This renewal will also include an amendment to update the facility's equipment inventory to include two previously unlicensed tank heater units.

B. Emission Equipment

Steelstone is authorized to operate the following equipment:

Asphalt Batch Plant

Equipment	Production Rate (Tons/hr)	Maximum Capacity (MMBtu/hr)	Date of Manufacture	Control Devices
Kiln	150	50.4	1968	Baghouse

Asphalt Storage Tank Heaters

Equipment	Maximum Capacity	Fuel Type, % Sulfur	Date of Manufacture
Tank Heater #1	1 MMBtu/hr	#2 Oil, 0.35%S	6/12/2000
Tank Heater #2	1 MMBtu/hr	#2 Oil, 0.35%S	3/15/1998

Concrete Batch Plant

Equipment	Process Rate	Date of Manufacture	Control Devices
Concrete Batch Plant	60 yd ³ /hr	1974	Baghouse

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Rock Crushers:

Designation	Power Source	Date of Manufacture	Process Rate (tons/hr)	Control Device
Primary Crusher	Diesel Genset.	1966	200	Spray Nozzles
Secondary Crusher	Diesel Genset.	1967	150	Spray Nozzles
Tertiary Crusher	Diesel Genset.	Pre-1983	50	Spray Nozzles

Electrical Generation Equipment

Equipment	Power Output (kW)	Fuel Type, % Sulfur	Maximum Firing Rate (gal/hr)
Diesel G-1	250-300	Diesel fuel, 0.05%	50
Diesel G-2	250-300	Diesel fuel, 0.05%	50
Diesel G-3	250-300	Diesel fuel, 0.05%	50

C. Application Classification

Steelstone is a licensed source with equipment that have not been addressed in the facility's previous air emissions licenses. The license renewal shall include the operation of the previously unlisted equipment. Therefore, the application for Steelstone is considered to be a renewal and amendment.

II. BEST PRACTICAL TREATMENT (BPT)

A. Introduction

In order to receive a license the applicant must control emissions from each unit to a level considered by the Department to represent Best Practical Treatment (BPT), as defined in Chapter 100 of the Department regulations. Separate control requirement categories exist for new and existing equipment as well as for those sources located in designated non-attainment areas.

BPT for existing emissions equipment means that method which controls or reduces emissions to the lowest possible level considering:

- the existing state of technology;
- the effectiveness of available alternatives for reducing emission from the source being considered; and
- the economic feasibility for the type of establishment involved.

BPT for new sources and modifications requires a demonstration that emissions are receiving Best Available Control Technology (BACT), as defined in Chapter 100 of the Air Regulations. BACT is a top-down approach to selecting air emission controls considering economic, environmental and energy impacts.

B. Asphalt Batch Plant

Steelstone operates an asphalt batch plant for the production of asphalt at their Houlton, Maine facility. The asphalt batch plant has a maximum designed heat input capacity of 50.4 MMBtu/hr and a maximum design process rate of 150 tons per hour. The asphalt batch plant was manufactured 1968, prior to the applicability date of June, 1973 for EPA's New Source Performance Standards (NSPS), Subpart I, (Standards of Performance for Hot Mix Asphalt Facilities).

To meet requirements of BPT, the asphalt batch plant vents to a baghouse. The performance of the baghouse shall be constantly monitored by either of the following at all times the batch plant is in operation:

1. PM Detector – when the detector signals excessive PM concentrations in the exhaust stream, Steelstone shall take corrective action within 24 hours, or immediately if opacity exceeds 20% based on a 6-minute block average basis.
2. Personnel with a current EPA Method 9 visible emissions certification – when the opacity exceeds 20%, the hot mix asphalt batch plant is operating with insufficient control and Steelstone shall take corrective action immediately.

Within 12-months of the signing of this license, Steelstone shall establish a system of maintenance, inspection and repair for the asphalt batch plant baghouse, which shall allow for periodic inspection of the system. Steelstone shall document compliance by means of a maintenance, inspection and repair log in which Steelstone shall record the date of all bag failures and all routine maintenance as well as all inspection dates and findings.

The asphalt plant is currently permitted to fire no greater than 400,000 gallons of a combination of #2 fuel oil, with a sulfur content of no greater than 0.35% sulfur by weight and specification waste oil, with a sulfur content of no greater than 0.7% sulfur by weight, based on a twelve-month rolling total. In order to demonstrate compliance with fuel restrictions, Steelstone shall maintain a record of fuel use for the asphalt batch plant, which shall include fuel purchase receipts indicating the quantity and sulfur content of the purchased fuel.

A summary of the BPT analysis for the Asphalt Batch Plant is as follows.

1. BPT for PM is emissions not to exceed 0.03 gr/dscf. PM₁₀ emission limits are based on PM limits.
2. For the use of #2 fuel oil, BPT is a sulfur content not to exceed 0.35% sulfur by weight and for the use of specification waste oil, BPT is a sulfur content not to exceed 0.7% sulfur by weight.
3. NO_x, CO and VOC emission limits are based upon AP-42 data dated 12/00 for #2 fuel.
4. Visible Emissions for the Asphalt Batch Plant baghouse is limited to no greater than 20% opacity on a 6-minute block average, except for no more than two 6-minute block averages in a continuous 3-hour period

Steelstone shall not process more than 10,000 cubic yards of petroleum contaminated soils per year without prior approval from the Department. Steelstone shall only process soils contaminated with gasoline and/or #2 fuel oil without prior approval from the Department. Steelstone shall not process soils which are classified as hazardous waste or which have unknown contaminants.

When processing petroleum contaminated soils, Steelstone shall maintain records which specify the quantity and type of contaminant in the soil as well as the origin and characterization of the contaminated soil. In addition, when processing contaminated soil, Steelstone shall maintain records of processing temperature, asphalt feed rates and dryer throughput on an hourly basis. The material shall be handled in accordance with the requirements of the Bureau of Remediation and Waste Management. [MEDEP Chapter 115, BPT]

C. Asphalt Storage Tank Heaters

Steelstone operates two #2 fuel oil fired heater units to heat the asphalt storage tanks. The heater units are directly attached to the tanks and exhaust through a small exhaust stack on the top of the tanks. The heaters are existing equipment that was not addressed in the facility's previous licenses, therefore, the tank heaters are considered new equipment and an application of Best Available Control Technology (BACT) is required. BACT for new or modified #2 fuel oil burning units is the requirement of the use of #2 fuel oil with a sulfur content of no greater than 0.35% sulfur by weight.

Steelstone shall include the fuel consumed in the asphalt storage tank heaters as part of the asphalt batch plant fuel record, also the total fuel consumed in the tank heaters shall be included under the currently licensed asphalt batch plant fuel restriction of 400,000 gallons per year.

A summary of the BPT analysis for the asphalt storage tank heaters is as follows.

1. BPT for PM for the asphalt storage tank heaters is 0.12 lb/MMBtu. PM₁₀ emission limits are based on PM limits.
2. BPT sulfur content for the #2 fuel oil fired in the asphalt storage tank heaters is no greater than 0.35% sulfur by weight.
3. SO₂, NO_x, CO and VOC emission rates are based on AP-42 data dated 10/98 for oil fired boilers firing #2 fuel oil (0.35% sulfur).
4. Visible emissions from each of the asphalt storage tank heaters shall not exceed 20% on a 6-minute block average.

D. Concrete Batch Plant

Steelstone utilizes a 60 cubic yard per hour (yd³/hr) concrete batch plant for concrete production at their Houlton, Maine facility. Both the concrete batch plant cement silo and weigh hopper are vented to a fabric filter baghouse maintained for 99% removal efficiency. In order to document maintenance on the baghouse, Steelstone shall keep a maintenance log recording the date and location of all bag failures as well as all routine maintenance. The maintenance log shall be located at the facility whenever the facility is in operation.

Visible emissions from the baghouse shall be limited to 10% opacity on a 6-minute block average, except for no more than one 6-minute block in any 1-hour period. Steelstone shall take corrective action if visible emissions from the baghouse exceed 5% opacity.

All components of the concrete batch plant shall be maintained so as to prevent particulate matter (PM) leaks. Additionally, there shall be a rubber boot, which extends into the mixer-truck loading-chute to minimize fugitive emissions when the dry materials are dropped/loaded into the truck. Visible emissions from concrete batching operations shall not exceed 20% opacity except for no more than five minutes in any one-hour period.

E. Rock Crushers

Steelstone operates a primary, secondary and a tertiary rock crusher at their Houlton facility. The primary rock crusher is a portable crusher, manufactured by TelSmith in 1966 and installed in 1994. The primary crusher has a process rate of 200 tons per hour (ton/hr). The secondary rock crusher is also a portable crusher, manufactured by Cedarapids in 1967 and installed in 1986. The secondary crusher has a process rate of 150 tons per hour (ton/hr). The tertiary rock crusher is a stationary cone type crusher, manufactured and installed prior to 1983.

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In the facility's previous air emission license, the Department determined that due to the manufacture dates of the crushers, none of the crushers were subject to EPA's NSPS Subpart OOO for Nonmetallic Mineral Processing Plants manufactured after August 31, 1983, with capacities greater than 150 tons/hr for portable plants and greater than 25 tons/hr for non-portable plants. However, due to the age of the crushers and the self-destructive nature of crusher operation, the Department has determined that it is likely that the crushers went through a reconstruction or modification after August 1983. Therefore, as per 40 CFR 60.670 paragraph (e), the Department has determined that the primary crusher, having a process rate of 200 tons/hr and the tertiary crusher, having a process rate of 50 tons/hr, are subject to EPA's NSPS Subpart OOO and shall comply with the testing and record keeping requirements of NSPS Subpart OOO. The secondary crusher, having a process rate of 150 tons/hr, shall not be subject to EPA's NSPS Subpart OOO.

The regulated pollutant from the rock crushers is particulate emissions. To meet the requirements of Best Practical Treatment (BPT) for control of particulate matter (PM) emissions from the rock crushers, Steelstone shall maintain and operate water sprays on the rock crushers at the Houlton facility in such a manner as to control visible emissions to no greater than 10% opacity on a 6-minute block average basis.

F. Diesel Generator Units

Steelstone utilizes three portable diesel generator sets, designated Diesel G-1, Diesel G-2 and Diesel G-3, primarily as power sources for the asphalt batch plant, the concrete batch plant and the primary, secondary and tertiary rock crushers. The three diesel generator units each have a heat input capacity of 2.9 MMBtu/hr. BPT for the diesel units shall be a total annual fuel use limit of 50,000 gallons of diesel fuel oil at 0.05% sulfur by weight based on a twelve-month rolling total. To demonstrate compliance with the fuel restrictions, Steelstone shall maintain a record of fuel oil purchases, which shall include receipts indicating the amount of fuel delivered and the sulfur content of the purchased fuel.

A summary of the BPT analysis is as follows

1. BPT for PM for the diesel units is 0.12 lb/MMBtu. PM₁₀ emission limits are based on PM limits.
2. SO₂, NO_x, CO and VOC emission limits are based on AP-42 data dated 10/96.
3. Visible emissions from each diesel generator unit shall not exceed 30% opacity on a 6-minute block average, except for no more than two 6-minute block averages in a 3-hour period.

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G. Fugitive Emissions

Visible emissions from potential sources of fugitive particulate matter emissions, including material stockpiles and unpaved roadways, shall not exceed an opacity of 20 percent, except for no more than 5-minutes in any 1-hour period. Compliance shall be determined by an aggregate of the individual 15-second opacity observations which exceed 20 percent in any 1-hour.

H. Annual Emission Restrictions

Steelstone shall be assessed fees based on the following annual emissions:

Pollutant	Tons/Year		
	Asphalt Batch Plant (Including tank heaters)	Diesel Units	Total
PM	7.2	1.1	8.3
PM ₁₀	7.2	1.1	8.3
SO ₂	19.7	1.0	20.7
NO _x	14.7	15.4	30.1
CO	6.0	3.3	9.3
VOC	4.0	1.2	5.2

III.AMBIENT AIR QUALITY ANALYSIS

According to the Maine Regulations Chapter 115, the level of air quality analyses required for a minor source shall be determined on a case-by case basis. Based on the information available in the file, and the similarity to existing sources, Maine Ambient Air Quality Standards (MAAQS) will not be violated by this source. Based on the total facility emissions, Steelstone is below the emissions level required for modeling and monitoring.

ORDER

Based on the above Findings and subject to conditions listed below, the Department concludes that the emissions from this source:

- will receive Best Practical Treatment,
- will not violate applicable emission standards,
- will not violate applicable ambient air quality standards in conjunction with emissions from other sources.

The Department hereby grants Air Emission License A-112-71-H-R/A subject to the following conditions:

STANDARD CONDITIONS

- (1) Employees and authorized representatives of the Department shall be allowed access to the licensee's premises during business hours, or any time during which any emissions units are in operation, and at such other times as the Department deems necessary for the purpose of performing tests, collecting samples, conducting inspections, or examining and copying records relating to emissions (38 MRSA §347-C).
- (2) The licensee shall acquire a new or amended air emission license prior to commencing construction of a modification, unless specifically provided for in Chapter 115.
- (3) Approval to construct shall become invalid if the source has not commenced construction within eighteen (18) months after receipt of such approval or if construction is discontinued for a period of eighteen (18) months or more. The Department may extend this time period upon a satisfactory showing that an extension is justified, but may condition such extension upon a review of either the control technology analysis or the ambient air quality standards analysis, or both.
- (4) The licensee shall establish and maintain a continuing program of best management practices for suppression of fugitive particulate matter during any period of construction, reconstruction, or operation which may result in fugitive dust, and shall submit a description of the program to the Department upon request.
- (5) The licensee shall pay the annual air emission license fee to the Department, calculated pursuant to 38 M.R.S.A. §353.
- (6) The license does not convey any property rights of any sort, or any exclusive privilege.
- (7) The licensee shall maintain and operate all emission units and air pollution systems required by the air emission license in a manner consistent with good air pollution control practice for minimizing emissions.
- (8) The licensee shall maintain sufficient records to accurately document compliance with emission standards and license conditions and shall maintain such records for a minimum of six (6) years. The records shall be submitted to the Department upon written request.

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- (9) The licensee shall comply with all terms and conditions of the air emission license. The filing of an appeal by the licensee, the notification of planned changes or anticipated noncompliance by the licensee, or the filing of an application by the licensee for a renewal of a license or amendment shall not stay any condition of the license.
- (10) The licensee may not use as a defense in an enforcement action that the disruption, cessation, or reduction of licensed operations would have been necessary in order to maintain compliance with the conditions of the air emission license.
- (11) In accordance with the Department's air emission compliance test protocol and 40 CFR Part 60 or other method approved or required by the Department, the licensee shall:
- (i) perform stack testing to demonstrate compliance with the applicable emission standards under circumstances representative of the facility's normal process and operating conditions:
 - a. within sixty (60) calendar days of receipt of a notification to test from the Department or EPA, if visible emissions, equipment operating parameters, staff inspection, air monitoring or other cause indicate to the Department that equipment may be operating out of compliance with emission standards or license conditions; or
 - b. pursuant to any other requirement of this license to perform stack testing.
 - (ii) install or make provisions to install test ports that meet the criteria of 40 CFR Part 60, Appendix A, and test platforms, if necessary, and other accommodations necessary to allow emission testing; and
 - (iii) submit a written report to the Department within thirty (30) days from date of test completion.

- (12) If the results of a stack test performed under circumstances representative of the facility's normal process and operating conditions indicate emissions in excess of the applicable standards, then:
- (i) within thirty (30) days following receipt of such test results, the licensee shall re-test the non-complying emission source under circumstances representative of the facility's normal process and operating conditions and in accordance with the Department's air emission compliance test protocol and 40 CFR Part 60 or other method approved or required by the Department; and
 - (ii) the days of violation shall be presumed to include the date of stack test and each and every day of operation thereafter until compliance is demonstrated under normal and representative process and operating conditions, except to the extent that the facility can prove to the satisfaction of the Department that there were intervening days during which no violation occurred or that the violation was not continuing in nature; and
 - (iii) the licensee may, upon the approval of the Department following the successful demonstration of compliance at alternative load conditions, operate under such alternative load conditions on an interim basis prior to a demonstration of compliance under normal and representative process and operating conditions.
- (13) Notwithstanding any other provisions in the State Implementation Plan approved by the EPA or Section 114(a) of the CAA, any credible evidence may be used for the purpose of establishing whether a person has violated or is in violation of any statute, regulation, or Part 70 license requirement.
- (14) The licensee shall maintain records of malfunctions, failures, downtime, and any other similar change in operation of air pollution control systems or the emissions unit itself that would affect emission and that is not consistent with the terms and conditions of the air emission license. The licensee shall notify the Department within two (2) days or the next state working day, whichever is later, of such occasions where such changes result in an increase of emissions. The licensee shall report all excess emissions in the units of the applicable emission limitation.
- (15) Upon written request from the Department, the licensee shall establish and maintain such records, make such reports, install, use and maintain such monitoring equipment, sample such emissions (in accordance with such methods, at such locations, at such intervals, and in such a manner as the Department shall prescribe), and provide other information as the Department may reasonably require to determine the licensee's compliance status.

SPECIFIC CONDITIONS

(16) Asphalt Batch Plant

- A. The asphalt batch plant dryer shall be limited to a maximum of 50.4 MMBtu/hr heat input. [MEDEP Chapter 115, BPT]
- B. Total fuel use in the asphalt batch plant, including fuel used in the asphalt storage tank heaters, shall not exceed 400,000 gallons of a combination of #2 fuel oil, with a sulfur content of no greater than 0.35% sulfur by weight and specification waste oil, with a sulfur content of no greater than 0.7% sulfur by weight, based on a twelve-month rolling total. Compliance shall be based on fuel receipts from the supplier showing the quantity of fuel delivered and supplier certification indicating the percent sulfur of the fuel. Fuel use records shall be maintained on a monthly basis, in addition to the 12-month rolling total. [MEDEP Chapter 115, BPT]
- C. Emissions from the asphalt batch plant shall vent to a baghouse and all components of the asphalt batch plant shall be maintained so as to prevent particulate matter leaks. [MEDEP Chapter 115, BPT]
- D. Visible Emissions for the Asphalt Batch Plant baghouse are limited to no greater than 20% opacity on a 6-minute block average, except for no more than two 6-minute block averages in a continuous 3-hour period. [MEDEP Chapter 101]
- E. The performance of the baghouse shall be constantly monitored by either of the following at all times the batch plant is in operation:
 - 1. PM Detector – when the detector signals excessive PM concentrations in the exhaust stream, Steelstone shall take corrective action within 24 hours, or immediately if opacity exceeds 20% based on a 6-minute block average basis.
 - 2. Personnel with a current EPA Method 9 visible emissions certification – when the opacity exceeds 20%, the hot mix asphalt batch plant is operating with insufficient control and Steelstone shall take corrective action immediately.
[MEDEP Chapter 115, BPT]
- F. Fugitive particulate matter emissions from the asphalt batch plant operation shall be controlled so as to prevent visible emissions in excess of 10% opacity except for one 6-minute block average in any continuous 1-hour period. [MEDEP Chapter 101]

G. Within 12-months of the signing of this license, Steelstone shall establish a system of maintenance, inspection and repair for the asphalt batch plant baghouse, which shall allow for periodic inspection of the system. Steelstone shall document compliance by means of a maintenance, inspection and repair log in which Steelstone shall record the date of all bag failures and all routine maintenance as well as all inspection dates, findings and corrective actions. [MEDEP Chapter 115, BPT]

H. Emissions from the asphalt batch plant shall not exceed the following:

Equipment		PM	PM ₁₀	SO ₂	NO _x	CO	VOC
Asphalt	Grs/dscf	0.03	-	-	-	-	-
Batch Plant	lb/hr	12.6	12.6	34.4	25.5	10.4	6.9

[MEDEP Chapter 115, BPT]

I. Steelstone shall not process more than 10,000 cubic yards of petroleum contaminated soils per year without prior approval from the Department. [MEDEP Chapter 115, BPT]

J. Steelstone shall only process soils contaminated with gasoline and/or #2 fuel oil without prior approval from the Department. [MEDEP Chapter 115, BPT]

K. Steelstone shall not process soils which are classified as hazardous waste or which have unknown contaminants. [MEDEP Chapter 115, BPT]

L. When processing petroleum contaminated soils, Steelstone shall maintain records which specify the quantity and type of contaminant in the soil as well as the origin and characterization of the contaminated soil. In addition, when processing contaminated soil, Steelstone shall maintain records of processing temperature, asphalt feed rates and dryer throughput on an hourly basis. The material shall be handled in accordance with the requirements of the Bureau of Remediation and Waste Management. [MEDEP Chapter 115, BPT]

(17) Asphalt Storage Tank Heaters

A. The sulfur content of the fuel oil fired in the asphalt storage tank heaters shall not exceed 0.35% by weight demonstrated by purchase records or certification from the supplier.

B. Steelstone shall include the fuel consumed in the asphalt storage tank heaters as part of the asphalt batch plant fuel record, also the total fuel consumed in the tank heaters shall be included under the currently licensed asphalt batch plant fuel restriction of 400,000 gallons per year.

C. Emissions shall not exceed the following:

Equipment		PM	PM ₁₀	SO ₂	NO _x	CO	VOC
Heater #1	lb/hr	0.12	0.12	0.4	0.1	0.04	0.002
Heater #2	lb/hr	0.12	0.12	0.4	0.1	0.04	0.002

D. Visible emissions from each of the asphalt storage tank heaters shall not exceed 20% on a 6-minute block average.

(18) Concrete Batch Plant

A. Steelstone shall vent emissions from the concrete batch plant through a baghouse maintained for 99% removal efficiency and maintain all components of the concrete batch plant so as to prevent emission leaks. [MEDEP Chapter 115, BPT]

B. Steelstone shall keep a maintenance log recording the date and time of all bag failures as well as all routine maintenance. The maintenance log shall be located at the facility whenever the facility is in operation. [MEDEP Chapter 115, BPT]

C. Opacity from the concrete batch plant baghouse is limited to no greater than 10% opacity on a 6-minute block average, except for no more than one 6-minute block in any 1-hour period. Steelstone shall take corrective action if visible emissions from the baghouse exceed 5% opacity. [MEDEP Chapter 101]

D. Steelstone shall utilize a rubber boot, which shall extend into the mixer-truck loading-chute to minimize fugitive emissions when the dry materials are being dropped/loaded. [MEDEP Chapter 115, BPT]

E. Fugitive particulate matter emissions from the concrete batching operation shall be controlled so as to prevent visible emissions in excess of 20% opacity, except for no more than 5-minutes in any 1-hour period. [MEDEP Chapter 101]

F. All components of the concrete batch plant shall be maintained so as to prevent PM leaks. [MEDEP Chapter 115, BPT]

(19) Rock Crushers

- A. Steelstone shall maintain spray nozzles on the Primary, Secondary and Tertiary Rock Crushers and operate the spray nozzles in such a manner so as not to exceed visible emissions limits. Visible emissions from the crushers shall be limited to no greater than 10% opacity on a 6-minute block average basis. [MEDEP Chapter 101]
- B. Steelstone shall maintain a log detailing the maintenance on the water spray nozzles. The maintenance log shall be kept on-site at the rock crushing location. [MEDEP Chapter 115, BPT]
- C. Steelstone shall maintain a log detailing and quantifying the hours of operation on a daily basis for the Primary, Secondary and Tertiary Rock Crushers. The operation log shall be kept on-site at the rock crushing location. [MEDEP Chapter 115, BPT]

(20) New Source Performance Standards for rock crushers

- a. The primary crusher and the tertiary cone crusher are subject to 40 CFR Part 60 Subparts A and OOO and Steelstone shall comply with the notification and record keeping requirements of 40 CFR Part 60.676 and Part 60.7, except for Section (a)(2) of 60.7 per Subpart OOO, §60.676(h).
[40 CFR 60, Subpart OOO]
- b. Steelstone shall have an initial performance test performed on the primary crusher and the tertiary cone crusher per the applicable sections of 40 CFR Part 60, Subpart OOO, §60.675. This consists of a certified Method 9 observation. The performance test shall be completed within 60 days after achieving the maximum production rate at which the unit will be operated, but no later than 180 days after initial startup of the unit. Steelstone shall submit a test notice to the regional inspector at least 30 days prior to the performance test. Any rescheduled test requires a 7-day notice to the regional inspector.
[40 CFR 60, Subpart OOO]

(21) Diesel Generator Units

- A. Total fuel use for all diesel generator units (Diesel G-1, G-2 and G-3) shall not exceed 50,000 gal/year of diesel fuel with a maximum sulfur content of 0.05% by weight based on a twelve-month rolling total. Compliance shall be based on fuel receipts from the supplier showing the quantity of fuel delivered and supplier certification showing the percent sulfur of the fuel. Fuel use records shall be maintained on a monthly basis, in addition to the twelve-month rolling total. [MEDEP Chapter 115, BPT]

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B. Emissions from the diesel units shall be limited to the following:

Equipment		PM	PM₁₀	SO₂	NO_x	CO	VOC
Diesel G-1	lb/hr	0.4	0.4	0.2	12.9	2.8	1.0
Diesel G-2	lb/hr	0.4	0.4	0.2	12.9	2.8	1.0
Diesel G-3	lb/hr	0.4	0.4	0.2	12.9	2.8	1.0

[MEDEP Chapter 103]

C. Visible emissions from Diesels G-1, G-2 and G-3 each shall not exceed 30% opacity on a 6-minute block average, except for no more than 2 six-minute block averages in a continuous 3-hour period. [MEDEP Chapter 101]

(22) **Fugitive Emissions**

Visible emissions from potential sources of fugitive particulate matter emissions, including material stockpiles and unpaved roadways, shall not exceed an opacity of 20 percent, except for no more than 5-minutes in any 1-hour period. Compliance shall be determined by an aggregate of the individual 15-second opacity observations which exceed 20 percent in any 1-hour. [MEDEP Chapter 101]

(23) **Equipment Relocation [MEDEP Chapter 115, BPT]**

A. Steelstone shall notify the Bureau of Air Quality, by a written notification at least 48 hours prior to relocation of any equipment carried on this license. The notification shall be sent to the address below or to a Department Regional Office:

Attn: Relocation Notice
Maine DEP
Bureau of Air Quality
17 State House Station
Augusta, ME 04333-0017

The notification shall include the address of the equipment's new location, an identification of the equipment and the license number pertaining to the relocated equipment. Written notice may be sent by mail, facsimile (fax), or e-mail.

B. Written notification shall also be made to the municipality where the equipment will be relocated, except in the case of an unorganized territory where notification will be made to the respective county commissioners.

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- (24) Steelstone shall pay the annual air emission license fee within 30 days of December 31 of each year. Pursuant to 38 MRSA 353-A, failure to pay this annual fee in the stated timeframe is sufficient grounds for the revocation of the license under 38 MRSA 341-D, Subsection 3.
- (25) Steelstone shall notify the Department within 48 hours and submit a report to the Department on a quarterly basis if a malfunction or breakdown in any component causes a violation of any emission standard (38 MRSA §605-C).
- (26) Steelstone shall keep a copy of this Order on site, and have the operator(s) be familiar with the terms of this Order. [MEDEP Chapter 115]

DONE AND DATED IN AUGUSTA, MAINE THIS DAY OF 2004.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: _____
DAWN R. GALLAGHER, COMMISSIONER

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

The term of this Order shall be for five (5) years from the signature above.

Date of initial receipt of application: **June 4, 2004**

Date of application acceptance: **June 14, 2004**

Date filed with the Board of Environmental Protection: _____

This Order prepared by, Peter G. Carleton, Bureau of Air Quality